Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-22. (Cancelled)

23. (Currently Amended) A solid electrolytic capacitor comprising:

a positive electrode of a valve metal,

a dielectric of an anodized film formed on said valve metal, and

a negative electrode comprising a composite material in contact with said anodized film,

wherein said composite material comprises a conductive polymer and an ionic liquid capable of repairing a defect in said anodized film.

24. (Currently Amended) The solid electrolytic capacitor according to claim 23, wherein said conductive polymer comprises at least one selected from the group consisting of polypyrrole, polyaniline, polythiophene, and derivatives thereof.

25. (Currently Amended) The solid electrolytic capacitor according to claim 23, wherein said negative electrode further comprises a metallic part in contact with said composite material.

26. (Currently Amended) A method of forming the solid electrolytic capacitor of claim 23 comprising the steps of:

preparing a mixture including said ionic liquid and at least one kind of monomer,

placing said mixture so as to contact with said anodized film and

polymerizing said mixture so that said at least one kind of monomer converts into said conductive polymer.

27. (Previously Presented) The method according to claim 26, wherein said ionic liquid having been included in said mixture is remained in said composite material after said polymerization.

28. (Currently Amended) A method of forming the solid electrolytic capacitor of claim 23 comprising the steps of:

preparing a layer of said conductive polymer, and

impregnating said layer of said conductive polymer with said ionic liquid.

29. (Currently Amended) A source material kit for forming said composite material to be used in the solid electrolytic capacitor of claim 23 comprising the ionic liquid and at least one kind of monomer.

30. (Previously Presented) The source material kit according to claim 29, wherein said monomer is at least one selected from the group consisting of polypyrrole, polyaniline, polythiophene, and derivatives thereof.

31. (Currently Amended) The solid electrolytic capacitor according to Claim 23, wherein said valve metal is at least one selected from the group consisting of aluminum, tantalum, niobium, and an alloy thereof.

32. (Currently Amended) A method of improving a withstand voltage of a solid electrolytic capacitor that comprises:

a positive electrode of a valve metal,

a dielectric of an anodized film formed on the valve metal, and

a negative electrode comprising a composite material in contact with the anodized film,

wherein the composite material comprises a conductive polymer and an ionic liquid,

the method comprising a step of:

repairing a defect of the anodized film formed on the valve material of the positive electrode with the ionic liquid.